**WHAT IS CLAIMED IS**:

1.    A passive control system for taking a three dimensional picture, comprising

a 2D-3D converting device with two ends, one of the ends connecting with a digital picture taking apparatus via a shift interface, the other one of the ends connecting with a data processing center, providing a preset program to regulate the digital picture taking apparatus with a start of scanning at a preset time;

a rotary disk apparatus, providing a positioning interface to connect with a rotary disk, and the rotary disk being able to stay in place after turning a preset angular displace in accordance with the preset program;

whereby, an object to be taken a picture is placed on the rotary disk is taken a picture by the digital picture taking apparatus as soon as the rotary disk is turned the preset angular displacement once; and a 2D signal generated by the digital picture taking apparatus is shifted to a 3D signal by way of the 2D-3D converting device for being treated as a 3D image by the data processing center.

2.    The passive control system for taking a three dimensional picture according to claim 1, wherein the passive control system further comprises an illumination control device with an illumination interface to connect with at least an illumination device.

3.    The passive control system for taking a three-dimensional picture according to claim 1, wherein each of the interfaces is a USB port, a 1394 port, or a RS232 port.

4.    The passive control system for taking a three-dimensional picture according to claim 1, wherein the data processing center is a CPU/RAM/ROM.

5.    The passive control system for taking a three-dimensional picture according to claim 1, wherein the angular displacement is 30°.

6. The passive control system for taking a three-dimensional picture according to claim 1, wherein each interface can use a port commonly or a port respectively.

7. The passive control system for taking a three-dimensional picture according to claim 1, wherein the data processing center is mounted in the control system.